# Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

## **Reclamation District No. 0784 Plumas Lake**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yuba River	Left	2.21	03/22/2016 03/22/2016	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		4	
LM End	0.00	Issue Type +	Ma	Location *		CR	
Category	Earthen L	evee		GPS La	atitude	e/Longitude	
Calegory				Start		End	
Item	Operations & Maintenance				0		0
пеш	Manuals				0		0
DWR ID DWR_RD0784_01_s _ 2013_4							
		Comn	nent Cod	le			
Inspector Comment							
O&M manuals are located at the district office.							

No Photos

Rating \*\* Issue No. 0.00 LM Start Location \* CR Issue Type + LM End 0.00 Ма Earthen Levee GPS Latitude/Longitude Category Start Emergency Supplies & Item Equipment DWR ID DWR\_RD0784\_01\_s \_ 2013\_5 Comment Code

No Photos

Inspector Comment

RD 784 participates with the neighboring districts to strategically place flood fight supplies around the local districts for fast response. They also have a shipping container at their district office, and three containers at another district full of flood fight supplies.

LM Start	0.00	Rating **	Α	Issue No.		6	
LM End	0.00	Issue Type +	Ма	Location *	CR		
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Flood Pre	lood Preparedness & Training			0		0
Item					0		0
DWR ID	DWR_RD0	784_01_s _ 201	3_6				
		Comn	nent Cod	le			
Inspector Comment							
RD 784 an	d its empl	oyees host an	d partici	pate in a FI	ood	Fight class	

put on by DWR every fall in their district.

No Photos

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

## **Reclamation District No. 0784 Plumas Lake**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yuba River	Left	2.21	03/22/2016 03/22/2016	Sterling York

Item S	i							
Start   Star	3							
Start	itude							
DWR ID DWR_RD0784_01_s _ 2016_3  Comment Code  V1 : Control annual grass and weeds on the levee slopes and easements.	End							
DWR ID DWR_RD0784_01_s _ 2016_3  Comment Code  V1 : Control annual grass and weeds on the levee slopes and easements.	.129622 °							
Comment Code V1 : Control annual grass and weeds on the levee slopes and easements.	.571981 °							
V1 : Control annual grass and weeds on the levee slopes and easements.	DWR ID DWR_RD0784_01_s _ 2016_3							
easements.								
Inspector Comment								
	Inspector Comment							



View of acceptable landside vegetation looking downstream. Spring 2016.

LM Start	1.28	Rating **	Α	Issue No.		2	
LM End	1.28	Issue Type +	Ma	Location *		WS	
Category	GPS Latitude/Longitude						
Calegory			Start		End		
Item	Vegetation				83°	39.129783	0
пеш	tem				84 °	-121.574384	0
DWR ID DWR_RD0784_01_s _ 2012_2							

#### Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

### Inspector Comment



View of acceptable waterside vegetation looking downstream. Spring

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

## **Reclamation District No. 0784 Plumas Lake**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A Feather River	Left	2.54	03/22/2016 03/22/2016	Sterling York

LM Start	0.01	Rating **	Α	Issue No.		1	
LM End	0.01	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		39.1257	'24 °	39.125724°	
item				-121.5886	65°	-121.588665 °	
DWR ID DWR_RD0784_02A_s _ 2016_1							
Comment Code							
V1 : Control annual grass and weeds on the levee slopes and easements.							
		Inspecto	or Comm	nent			



View of acceptable landside vegetation looking downstream. Spring 2016.

LM Start	0.97	Rating **	Α	Issue No.		2	
LM End	0.97	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory	or y			Start		End	
Item	Vegetatio		39.1123	86°	39.112386	0	
item	item			-121.5836	02 °	-121.583602	0
DWR ID DWR_RD0784_02A_s _ 2016_2							

#### Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

### Inspector Comment



View of acceptable waterside vegetation looking downstream. Spring

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

## Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B Feather River	Left	3.95	03/22/2016 03/22/2016	Sterling York

LM Start	8.96	Rating **	A/W	Issue No.		1		
LM End	9.36	Issue Type +	Ma	Location *		WS		
Supplemental				GPS Latitude/Longitude				
Category				Start		End		
Itom	2015 USACE Erosion Survey,			39.0093	66 °	39.004549°		
item	DRAFT DRAFT				66 °	-121.579143°		
DWR ID DWR_RD0784_02B_f _ 2015_1								
Comment Code								

### Inspector Comment

2003 - Bank is near vertical. Identified as a Potentially Critical site. 2004 - Eddy flow off downstream end of Modesto formation eroding the fluvial sediments. 2005 - Some new slumping. Actively eroding but berm width is greater than 50 ft. 2006 - Downgraded to regular erosion site. Still actively eroding. Large old rotational failures in high bank on the downstream end. 2008 - Removed from inventory due to wide berm width does not meet criteria for an erosion site. 2010 - Added back to the inventory after 10 ft of bank erosion in the winter 2009 storm. Steep vertical face. 2011 - Bank has retreated an additional 2.5 ft from last year. New tree popouts and erosion throughout the site. 2012 - Site continues to worsen with new tree popouts and many sections of new erosion. 2015: Last observed in 2013. [2015 Site ID: FHR\_17-8\_L]



USACE 2013 Photo #1

LM Start	9.50	Rating **	Α	Issue No.		3	
LM End	9.50	Issue Type +	Ma	Location *		LS	
Category	Earthen Levee			GPS Latitude/Longit			
Calegory	Sategory				Start		
Item	Vegetatio	n		39.0025	66°	39.002566	0
пеш	item		-121.5792	63°	-121.579263	0	
DWR ID	DWR_RD0	784_02B_s _ 20	016_3				

### Comment Code

V1: Control annual grass and weeds on the levee slopes and easements

#### Inspector Comment



View of acceptable landside vegetation looking downstream. Spring 2016.

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain Issue Type

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

# **Reclamation District No. 0784 Plumas Lake**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B Feather River	Left	3.95	03/22/2016 03/22/2016	Sterling York

		D. (' ++					
LM Start	9.92	Rating **	Α	Issue No.		4	
LM End	9.92	Issue Type +	Ma	Location *	WS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Category				Start		End	
Vegetation			38.9965	44°	38.996544°		
Item				-121.580271 °		-121.580271 °	
DWR ID	DWR_RD0	784_02B_s _ 20	016_4				
		Comn	nent Cod	de			
V1 : Contre easements		rass and wee	ds on th	e levee slop	pes	and	
		Inspecto	or Comm	nent			



View of acceptable waterside vegetation looking downstream. Spring 2016.

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

## **Reclamation District No. 0784 Plumas Lake**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03A Bear River	Right	0.78	03/22/2016 03/22/2016	Sterling York

LM Start	2.45	Rating **	Α	Issue No.		1	
LM End	2.45	Issue Type +	Ma	Location *		WS	
Cotogony	Earthen L	evee		GPS L	atitud	e/Longitude	
Category			Start		End		
Item	Vegetation			38.9708	99°	38.970899°	
пеш				-121.547358 °		° -121.547358 °	
DWR ID	DWR_RD0	784_03A_s _ 20	016_1			·	
		Comn	nent Cod	le			
V1 : Contr	ol annual g	rass and wee	ds on th	e levee slo	pes a	and	
easements	S.						
		Inspecto	or Comm	nent			



View of acceptable waterside vegetation looking upstream. Spring 2016.

LM Start	2.49	Rating **	Α	Issue No.		3		
LM End	2.49	Issue Type +	Ма	Location *		LS		
Catagony	Earthen Levee			GPS Latitude/Longitude				
Category				Start		End		
Item	Vegetatio	n		38.9713	° 80	38.971308	0	
item	item			-121.5470	59°	-121.547059	0	
DWR ID	DWR_RD0784_03A_s _ 2016_3							

### Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

### Inspector Comment



View of acceptable vegetation on the landside looking upstream. Spring 2016.

LM Start	10.36	Rating **	M	Issue No.		2	
LM End	10.40	Issue Type +	Ма	Location *	WS		
Category	Suppleme	ental		GPS Latit	ude	e/Longitude	
Odlogory				Start		End	
Item		ACE Erosion S	Survey,	38.981400	0	38.981271	0
пеш	DRAFT	DRAFT			٥	-121.515999	٥
DWR ID	DWR_RD0784_03A_s _ 2016_2						
		C		la.			

### Inspector Comment

2009 - Small site which could be repaired with maintenance. Erosion into the levee toe, rock has started to fail. 2015: Last observed in 2013. [2015 Site ID: BER\_4-9\_R]



USACE 2013 Photo #1

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

# **Reclamation District No. 0784 Plumas Lake**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03A Bear River	Right	0.78	03/22/2016 03/22/2016	Sterling York

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

## **Reclamation District No. 0784 Plumas Lake**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03B Bear River	Right	1.49	03/23/2016 03/23/2016	Sterling York

LM Start	3.58	Rating **	Α	Issue No.		2
LM End	3.58	Issue Type +	Ма	Location *		LS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Calegory			Start		End	
Item	Vegetatio	n		38.9746	74°	38.974674°
item	-121.525965 ° -121.5					-121.525965 °
DWR ID	DWR_RD0	784_03B_s _ 20	016_2			
		Comn	nent Cod	le		
V1 : Contre easements		rass and wee	eds on th	e levee slo	pes	and
		Inspecto	or Comm	nent		



View of acceptable landside vegetation looking upstream. Spring 2016.

LM Start	3.65	Rating **	Α	Issue No.		Issue No.		3	
LM End	3.65	Issue Type +	Ma	Location *		WS			
Category Earthen Levee				GPS Latitude/Longitude					
Calegory				Start		End			
Vegetation Item				38.9752	95 °	38.975295	0		
пеш			-121.5249	20°	-121.524920	0			
DWR ID	DWR RD0	784 03B s 20	016 3						

## **Comment Code**

V1: Control annual grass and weeds on the levee slopes and easements

### Inspector Comment



View of acceptable waterside vegetation looking upstream. Spring 2016.

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

## **Reclamation District No. 0784 Plumas Lake**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Interceptor Canal	Right	6.33	03/22/2016 03/22/2016	Sterling York

LM Start	1.08	Rating **	Α	Issue No.		2	
LM End	1.08	Issue Type +	Ма	Location *		WS	
Category	Earthen L	evee		GPS La	atituc	le/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		38.9901	88°	38.990188 °	
item				-121.5380	20°	-121.538020 °	
DWR ID	DWR_RD0	784_04_s _ 201	6_2				
		Comn	nent Cod	le			
V1 : Contro easements		grass and wee	ds on th	e levee slo	pes	and	
		Inspecto	or Comm	nent			



View of acceptable waterside vegetation looking upstream. Spring 2016.

LM Start	1.08	Rating **	Α	Issue No.		1
LM End	1.08	Issue Type +	Ma Location *			LS
Category	Earthen Levee					le/Longitude
Calegory				Start		End
Item	Vegetatio	n		38.9901	88 °	38.990188 °
пеш				-121.5380	21 °	-121.538021 °
DWR ID DWR_RD0784_04_s _ 2016_1						

## Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

### Inspector Comment



View of acceptable vegetation on the landside looking upstream. Spring 2016.

LM Start	5.95	Rating **	С	Issue No.		3	
LM End	5.95	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Erosion /	Bank Caving		39.0586	15°	39.058615	0
пеш				-121.5451	01 °	-121.545101	0
DWR ID	DWR_RD0	784_04_s _ 201	6_3				

## Comment Code

E2: Schedule repair of erosion site prior to the next inspection.

### Inspector Comment

This erosion issue was corrected in spring 2016 after the inspection.

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

# **Reclamation District No. 0784 Plumas Lake**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Interceptor Canal	Right	6.33	03/22/2016 03/22/2016	Sterling York

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

## **Reclamation District No. 0784 Plumas Lake**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	03/23/2016 03/23/2016	Sterling York

LM Start	0.02	Rating **	М	Issue No.		8	
LM End	3.86	Issue Type +	Ма	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		38.9746	17°	39.019460 °	
пеш				-121.5326	19°	-121.515089°	
DWR ID	DWR_RD0	784_05_s _ 201	6_8				
		Comn	nent Cod	le			
V1 : Contreasements	•	grass and wee	eds on th	e levee slo	pes a	and	
		Inspecto	or Comm	nent			



View of landside vegetation looking downstream. Spring 2016.

LM Start	0.02	Rating **	М	Issue No.		12	
LM End	3.86	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS La	titud	e/Longitude	
Calegory			Start		End		
Item	Vegetatio	n		38.9746	17°	39.019460 °	
пеш		-121.532620 ° -121.5150					
DWR ID DWR_RD0784_05_s _ 2016_12							
0 .0.1							

### Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

## Inspector Comment



View of waterside vegetation looking downstream. Spring 2016.

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

## **Reclamation District No. 0784 Plumas Lake**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 South Dry Creek	Right	0.25	03/23/2016 03/23/2016	Sterling York

LM Start	0.14	Rating **	Α	Issue No.		2	
LM End	0.14	Issue Type +	Ма	Location *		LS	
Category	evee	GPS La	atitud	le/Longitude			
Calegory				Start		End	
Item	Vegetatio	n		38.9867	'29 °	38.986729 °	
item				-121.5082	283°	-121.508283 °	
DWR ID DWR_RD0784_06_s _ 2016_2							
		Comn	nent Cod	le			
V1 : Contre easements		grass and wee	ds on th	e levee slo	pes	and	
		Inspecto	or Comm	nent			



View of acceptable landside vegetation looking upstream. Spring 2016.

LM Start	0.14	Rating **	Α	Issue No.		3	
LM End	0.14	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee	GPS La	atitud	le/Longitude		
Calegory				Start		End	
Item	Vegetatio	n		38.9867	29°	38.986729 °	
пеш				-121.5082	83 °	-121.508283 °	
DWR ID	DWR ID DWR_RD0784_06_s _ 2016_3						

## **Comment Code**

V1: Control annual grass and weeds on the levee slopes and easements

### Inspector Comment



View of acceptable waterside vegetation looking upstream. Spring 2016.

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

## **Reclamation District No. 0784 Plumas Lake**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Yuba River	Left	3.82	03/22/2016 03/22/2016	Sterling York

Start	322°						
Start	322°	End 39.139637 °					
Start		39.139637 °					
DWR ID DWR_RD0784_07_s _ 2016_4  Comment Code  V1 : Control annual grass and weeds on the levee ske							
DWR ID DWR_RD0784_07_s _ 2016_4  Comment Code  V1 : Control annual grass and weeds on the levee ske	631 °	-121.537829°					
Comment Code V1 : Control annual grass and weeds on the levee slo							
V1 : Control annual grass and weeds on the levee slo	DWR ID DWR_RD0784_07_s _ 2016_4						
· ·	Comment Code						
Cascinona.	V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment							



View of waterside vegetation looking downstream. Spring 2016.

LM Start	2.80	Rating **	С	Issue No.		3	
LM End	2.80	Issue Type +	Ма	Location *		CR	
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Vegetation			39.1566	70°	39.156670	0
item				-121.5104	73 °	-121.510473	0
DWR ID DWR_RD0784_07_s _ 2016_3							

### Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No	<b>Photos</b>
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LM Start	2.80	Rating **	М	Issue No.		2	
LM End	3.07	Issue Type +	Ma	Location *		LS	
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Vegetatio	n		39.15670	2 °	39.159398°	
пеш				-121.51038	7°	-121.506853 °	
DWR ID DWR_RD0784_07_s _ 2016_2							
		_					

#### Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



View of landside vegetation looking downstream. Spring 2016.

\* Location
LS: Land Side N/A: Not Applicable
WS: Water Side
CR: Crown

\*\* Rating
A: Acceptable
N: Not Inspected/Rated
M: Minimally Acceptable
C: Corrected
A/W: Acceptable but Monitor & Maintain
En: Enforcement

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

## **Reclamation District No. 0784 Plumas Lake**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Three Rivers	Right	1.93	03/22/2016 03/22/2016	Sterling York

LM Start	0.39	Rating **	Α	Issue No.		1
LM End	0.39	Issue Type +	Ma	Location *	LS	
Category	evee	GPS Latitude/Longitude				
Calegory				Start		End
Item	Vegetation			38.9563	° 804	38.956304°
item	-121.567820 ° -121.567820					-121.567820 °
DWR ID DWR_RD0784_08_s _ 2016_1						
Comment Code						
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						



View of acceptable landside vegetation looking upstream. Spring 2016.

LM Start	0.61	Rating **	Α	Issue No.		2
LM End	0.61	Issue Type +	Ma	Location *		WS
Category	Earthen Levee			GPS Latitude/Longitude		
Calegory				Start		End
Item	Vegetatio	n		38.9573	13°	38.957313 °
itelli				-121.5639	88 °	-121.563988 °
DWR ID	WR ID DWR RD0784 08 s 2016 2					

### Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

## Inspector Comment



View of acceptable vegetation on the waterside looking upstream. Spring 2016.

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

## **Reclamation District No. 0784 Plumas Lake**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Feather River	Left	5.71	03/22/2016 03/22/2016	Sterling York

LM Start	0.01	Rating **	Α	Issue No.		5
LM End	0.01	Issue Type +	Ма	Location *		LS
Category	evee	GPS Latitude/Longitude				
Category			Start		End	
Item	Vegetation			39.0901	53°	39.090153 °
item	-121.584764 ° -12					-121.584764 °
DWR ID DWR_RD0784_09_s _ 2016_5						
Comment Code						
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						



View of acceptable landside vegetation looking downstream. Spring 2016.

LM Start	0.01	Rating **	Α	Issue No.		6	
LM End	0.01	Issue Type +	Ма	Location *		WS	
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Vegetation			39.0901	53°	39.090153 °	
пеш				-121.5847	64 °	-121.584764 °	
DWR ID DWR_RD0784_09_s _ 2016_6							

#### Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

### Inspector Comment



View of acceptable waterside vegetation looking downstream. Spring 2016.

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain